Quan Zhao

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5838828/publications.pdf

Version: 2024-02-01

13	404	933447 10	1125743 13
papers	citations	h-index	g-index

13	13	13	176
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Organic Manure Coupled with Inorganic Fertilizer: An Approach for the Sustainable Production of Rice by Improving Soil Properties and Nitrogen Use Efficiency. Agronomy, 2019, 9, 651.	3.0	98
2	Manure combined with chemical fertilizer increases rice productivity by improving soil health, post-anthesis biomass yield, and nitrogen metabolism. PLoS ONE, 2020, 15, e0238934.	2.5	64
3	Combined application of biochar and nitrogen fertilizer improves rice yield, microbial activity and N-metabolism in a pot experiment. PeerJ, 2020, 8, e10311.	2.0	49
4	Biochar coupled with contrasting nitrogen sources mediated changes in carbon and nitrogen pools, microbial and enzymatic activity in paddy soil. Journal of Saudi Chemical Society, 2020, 24, 835-849.	5.2	41
5	Biochar application to rice with 15N-labelled fertilizers, enhanced leaf nitrogen concentration and assimilation by improving morpho-physiological traits and soil quality. Saudi Journal of Biological Sciences, 2021, 28, 3399-3413.	3.8	34
6	Biochar Amendment and Nitrogen Fertilizer Contribute to the Changes in Soil Properties and Microbial Communities in a Paddy Field. Frontiers in Microbiology, 2022, 13, 834751.	3.5	30
7	Long-Term No-Tillage and Straw Retention Management Enhances Soil Bacterial Community Diversity and Soil Properties in Southern China. Agronomy, 2020, 10, 1233.	3.0	25
8	Biochar in Combination with Nitrogen Fertilizer is a Technique: To Enhance Physiological and Morphological Traits of Rice (Oryza sativa L.) by Improving Soil Physio-biochemical Properties. Journal of Plant Growth Regulation, 2022, 41, 2406-2420.	5.1	20
9	An approach to sustainable agriculture by untangling the fate of contrasting nitrogen sources in doubleâ€season rice grown with and without biochar. GCB Bioenergy, 2021, 13, 382-392.	5.6	14
10	Effects of Biochar Amendment and Nitrogen Fertilizer on RVA Profile and Rice Grain Quality Attributes. Foods, 2022, 11, 625.	4.3	10
11	Characterization and Grouping of All Primary Branches at Various Positions on a Rice Panicle Based on Grain Growth Dynamics. Agronomy, 2020, 10, 223.	3.0	8
12	Synthetic nitrogen coupled with seaweed extract and microbial inoculants improves rice (Oryza sativa L.) production under a dual cropping system. Italian Journal of Agronomy, 2021, 16, .	1.0	6
13	Biochar combined with nitrogen fertilizer: a practical approach for increasing the biomass digestibility and yield of rice and promoting food and energy security. Biofuels, Bioproducts and Biorefining, 2022, 16, 1304-1318.	3.7	5